ABSTRACT

A process scheduling apparatus has a delayed task handling process for processing delayed tasks having variable priorities and multiple other processes for handling processes other than delayed tasks. Fixed priorities

5 are assigned to the other processes. The process scheduler sequentially executes the delayed task handling process and the other processes according the assigned priorities. A delayed task registration processor stores newly generated delayed tasks with assigned priorities in a queuing table. A delayed task priority controller selects the delayed task with the

10 highest priority in the queuing table. A process priority controller sets the priority of the delayed task handling process to the same priority as the priority of the